

Docket No.: PF-0319-2 DIV
 Inventors: Bandman et al.
 Title: HUMAN PROTEIN PHOSPHATASE
 Serial No.: To Be Assigned

5'	MNA	TAT	TGT	ACC	TAT	CAG	GCG	TCA	GCT	CTC	AAT	CTA	GAT	CCC	TCC	CTG	GCC	TCG	54
9		18		27		36		45		99		45		99		108		108	
63	GAC	TTA	TTC	CAA	AAC	ATG	GGT	GCT	TTT	TTG	GAT	AAA	CCC	AAA	ACT	GAA	AAA	CAT	
	M	G	A	F	A	L	D	K	P	K	T	E	K	H					
117	AAT	GCT	CAT	GGT	GCT	GGG	AAT	GGT	TTA	CGT	TAT	GGC	CTG	AGC	AGC	ATG	CAA	GGA	162
	N	A	H	G	A	G	N	G	L	R	Y	G	L	S	S	M	Q	G	
171	TGG	AGA	GTG	GAA	ATG	GAA	GAT	GCA	CAC	ACA	GCT	GTT	GTA	GGT	ATT	CCT	CAC	GGC	216
	W	R	V	E	M	E	D	A	H	T	A	V	V	G	I	P	H	G	
225	TTC	GAA	GAC	TGG	TCA	TTT	TTT	GCA	GTT	TAT	GAT	GGT	CAT	GCT	GGA	TCC	CGA	GTG	
	L	E	D	W	S	F	F	A	V	Y	D	G	H	A	G	S	R	V	
279	GCA	AAT	TAC	TGC	TCA	ACA	CAT	TTA	TTA	GAA	CAC	ATC	ACT	ACT	AAC	GAA	GAC	TTT	
	A	N	Y	C	S	T	H	L	L	E	H	I	T	T	N	E	D	F	
333	AGG	GCA	GCT	GGA	AAA	TCA	GGA	TCT	GCT	CTT	GAG	CTT	TCA	GTG	GAA	AAT	GTT	AAG	378
	R	A	A	G	K	S	G	S	A	L	E	L	S	V	E	N	V	K	

FIGURE 1A

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

387	AAT	GGT	ATC	AGA	ACT	GGA	TTT	TTC	AAA	ATT	GAT	GAA	TAC	ATG	CGT	AAC	TTT	TCA	432
N	G	I	R	T	G	F	L	K	I	D	E	Y	M	R	N	F	S		
441	GAC	CTC	AGA	AAC	GGG	ATG	GAC	AGG	AGT	GGT	TCA	ACT	GCA	GTG	GGA	GTT	ATG	ATT	486
D	L	R	N	G	M	D	R	S	G	S	T	A	V	G	V	M	I		
495	TCA	CCT	AAG	CAT	ATC	TAC	TTT	ATC	AAC	TGT	GGT	GAT	TCA	CGT	GCT	GTT	CTG	TAT	540
S	P	K	H	I	Y	F	I	N	C	G	D	S	R	A	V	L	Y		
549	AGG	ATG	GGA	CAA	GTC	TGC	TTT	TCT	ACC	CAG	GAT	CAC	AAA	CCT	TGC	AAT	CCA	AGG	594
R	N	G	Q	V	C	F	S	T	Q	D	H	K	P	C	N	P	R		
603	GAA	AAG	GAG	CGA	ATC	CAA	AAT	GCA	GGA	GGC	AGC	GTG	ATG	ATA	CAA	CGT	GTT	AAT	648
E	K	E	R	I	Q	N	A	G	G	S	V	M	I	Q	R	V	N		
657	GGT	TCA	TTA	GCA	GTA	TCT	CGT	GCT	C TG	GGG	GAC	TAT	GAT	TAC	AAG	TGT	GTT	GAT	702
G	S	L	A	V	S	R	A	L	G	D	Y	D	Y	K	C	V	D		
711	GGC	AAG	GGC	CCA	ACA	GAA	CAA	CTT	GTT	TCT	CCA	GAG	CCT	GAG	GTT	TAT	GAA	ATT	756
G	K	G	P	T	E	Q	L	V	S	P	E	P	E	V	Y	E	T		

FIGURE 1B

2020-DEC-00T

Docket No.: PF-0319-2 DIV

Inventors: Bandman et al.

Title: HUMAN PROTEIN PHOSPHATASE

Serial No.: To Be Assigned

L	R	A	GCA	GAA	GAG	GAT	GAA	TTT	ATC	ATC	TTC	GCT	TGT	GAT	GGG	ATC	TGG	GAT	810
V	M	S	N	E	E	D	E	F	I	I	L	A	C	D	G	I	W	D	
819		828		837		846													864
GTT	ATG	AGT	AAT	GAG	GAG	CTC	TGT	GAA	TAT	GTT	AAA	TCT	AGG	CTT	GAG	GTA	TCT		
V	M	S	N	E	E	L	C	E	Y	V	K	S	R	L	E	V	S		
873		882		891		900													918
GAT	GAC	CTG	GAA	AAT	GTG	TGC	AAT	TGG	GTA	GTC	GAC	ACT	TGT	TGA	CAC	AAG	GGA		
D	D	L	E	N	V	C	N	W	V	V	D	T	C	L	H	K	G		
927		936		945		954													972
AGT	CGA	GAT	AAC	ATG	AGT	ATT	GTG	CTA	GTT	TGC	TTT	TCA	AAT	GCT	CCC	AAG	GTC		
S	R	D	N	M	S	I	V	L	V	C	F	S	N	A	P	K	V		
981		990		999		1008													1026
TCA	GAT	GAA	GCG	GTG	AAA	AAA	GAT	TCA	GAG	TTC	GAT	AAG	CAC	TTC	GAA	TCA	CGG		
S	D	E	A	V	K	K	D	S	E	L	D	K	H	L	E	S	R		
1035		1044		1053		1062													1080
GTT	GAA	GAG	ATT	ATG	GAG	AAG	TCT	GGC	GAG	GAA	ATG	CCT	GAT	CTT	GCC	CAT			
V	E	E	I	M	E	K	S	G	E	E	G	M	P	D	L	A	H		
1089		1098		1107		1116													1134
GTC	ATG	CGC	ATC	TTG	TCT	GCA	GAA	AAT	ATC	CCA	AAT	TTC	CCT	CCT	GGG	GGA	GGT		
V	M	R	I	L	S	A	E	N	I	P	N	L	P	P	G	G	G		

FIGURE 1C

205020™ DECODED

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

1143	CTT GCT GGC AAG CGT AAT GTT ATT GAA GCT GTT TAT AGT AGA CTG AAT CCA CAT	1152	1161	1170	1179	1188
L	A G K R N V I E A V Y S R L N P H					
1197	AGA GAA AGT GAT GGG GCC TCC GAT GAA GCA GAG GAA AGT GGA TCA CAG GGA AAA	1206	1215	1224	1233	1242
R	E S D G A S D E A E S G S Q G K					
1251	TTC GTG GAA GCT CTC AGG CAA ATG AGA ATT AAT CAT AGG GGA AAC TAC CGA CAA	1260	1269	1278	1287	1296
L	V E A L R Q M R I N H R G N Y R Q					
1305	CTT CTG GAG GAG ATG CTG ACT AGT TAC AGG CTA GCT AAA GAA GAA GAA GAA	1314	1323	1332	1341	1350
L	E E M L T S Y R L A K V E G E E					
1359	AGC CCT GCT GAA CCA GCT GCC ACA GCT ACT TCT TCG AAC AGT GAT GCT GGA AAC	1368	1377	1386	1395	1404
S	P A E P A A T A T S S N S D A G N					
1413	CCA GTG ACA ATG CAG GAA AGC CAT ACT GAA TCA GAA AGT GGT CTT GCT GAA TTA	1422	1431	1440	1449	1458
P	V T M Q E S H T E S E S G L A E L					
1467	GAC AGC TCT AAT GAA GAT GCA GGG ACA AAG ATG AGT GGT GAA AAA ATA TGA CTT	1476	1485	1494	1503	1512
D	S S N E D A G T K M S G E K I					

FIGURE 1D

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

1521	TCC TTT TGT GTA ATA TTT TTG TGA TCT TTG ATG GTT TTT AAC CTA GGA AGT GTA	1530	1539	1548	1557	1566
1575	ATG TAT GCA TTT ATA TAA CTG TTT TGT TAT TTG AAT CTT GGA AAA CTA GTT TTA	1584	1593	1602	1611	1620
1629	TTA TAT TCA GAT AGC CTT GTT TTT TAA AAA GGC CTT TGC ATA CAC CTT TAT GAG	1638	1647	1656	1665	1674
1683	ATA GTG TAA AAT TGA CTA TTT ATA GTA CTA TGG ATT TAA TGA AAT TAT ATG TCA	1692	1701	1710	1719	1728
1737	TTT CAC ATT GTA TGC CAG AAA TTA GGC TAC CAA TTA TGA ATT AAA GTC AGT AGT	1746	1755	1764	1773	1782
1791	TAA ATT AAT ACT AGA TAG AAT TAG AAA TTT TGA TTA GAG AGA TTA TGC TAT ATT	1800	1809	1818	1827	1836
1845	ATG GAA AAA CTT GTT AAT GTA GAA TTA TAC TGC TTC ATA TTA TTT TAC CTA TTA	1854	1863	1872	1881	1890

FIGURE 1E

Docket No.: PF-0319-2 DIV

Inventors: Bandman et al.

Title: HUMAN PROTEIN PHOSPHATASE

Serial No.: To Be Assigned

1899	1908	1917	1926	1935	1944
GTA CAC TCA TAG TTA GCT TTG TAA ATT TAT GTT TTC TTT AAT TTT AGT					
1953	1962	1971	1980	1989	1998
TCT TCA AAG AAT GGC TGA TGC TTG CCT GTA ATT TTT CTT TCA AGG ATG ATA ATT					
2007	2016	2025	2034	2043	2052
TGT GTG TTG TTT GAT TTG TTT ATA TTG TAC ATC TCT GTA GTT TTA TTT TTA GAA					
2061	2070	2079	2088	2097	2106
GTT GTG AGA TAT TGG ATG TGT GGC TAT TTT TCC ATT CAT ACA GCT TTG GTT ATT CTT TAT GAA					
2115	2124	2133	2142	2151	2160
ACA TAA CTT TTG AAA AAC CTA TGT ATT ATT CAT ACA GCT TTG GTT ATT CTT TAT GAA					
2169	2178	2187	2196	2205	2214
TGT ATA GCC TAA CTA CAC ACA TCA AAA TGT ATT TCA ACC AAG TGT TTA GAA TGA					
2223	2232	2241	2250	2259	2268
AAT TAT AAG TGT TTA AGT CCA AAT AAA GCA TGT GAT GTG GAA TAA TCA AAA AAA					

FIGURE 1F

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

FIGURE 1G

AA 3'

2020-07-22 09:22:00

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

1 M G A F L D K P K T E K H N A H G A G N G L R Y G L S S M Q G W R V E M E D A H 13177
1 M G A F L D K P K T E K H N A H G A G N G L R Y G L S S M Q G W R V E M E D A H GI 247927
1 M G A F L D K P K T E K H N A H G A G N G L R Y G L S S M Q G W R V E M E D A H GI 452526

41 T A V V G I P H G L E D W S F F A V Y D G H A G S R V A N Y C S T H L L E H I T 13177
41 T A V V G I P H G L E D W S F F A V Y D G H A G S R V A N Y C S T H L L E H I T GI 247927
41 T A V V G I P H G L D N W S F F A V Y D G H A G S R V A N Y C S T H L L E H I T GI 452526

81 T N E D F R A A G K S G S A L E L S V E N V K N G I R T G F L K I D E Y M R N F 13177
81 T N E D F R A A D K S G E F A L E P S V E N V K T G I R T G F L K I D E Y M R N F GI 247927
81 T N E D F R A A D K S G S A L E P S V E S V K T G I R T G F L K I D E Y M R N F GI 452526

121 S D L R N G M D R S G S T A V G V M I S P K H I Y F I N C G D S R A V L Y R N G 13177
121 S D L R N G M D R S G S T A V G V M I S P T H I Y F I N C G D S R A V L C R N G GI 247927
121 S D L R N G M D R S G S T A V G V M V S P T H M Y F I N C G D S R A V L C R N G GI 452526

161 Q V C F S T Q D H K P C N P R E K E R I Q N A G G S V M I Q R V N G S L A V S R 13177
161 Q V C F S T Q D H K P C N P M E K E R I Q N A G G S V M I Q R V N G S L A V S R GI 247927
161 Q V C F S T Q D H K P C N P V E K E R I Q N A G G S V M I Q R V N G S L A V S R GI 452526

201 A L G D Y D Y K C V D G K G P T E Q L V S P E P E V Y E I L R A E E D E F I I L 13177
201 A L G D Y D Y K C V D G K G P T E Q L V S P E P E V Y E I L R A E E D E F V V L GI 247927
201 A L G D Y D Y K C V D G K G P T E Q L V S P E P E V Y E I V R A E E D E F V V L GI 452526

FIGURE 2A

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

FIGURE 2B

Docket No.: PF-0319-2 DIV
Inventors: Bandman et al.
Title: HUMAN PROTEIN PHOSPHATASE
Serial No.: To Be Assigned

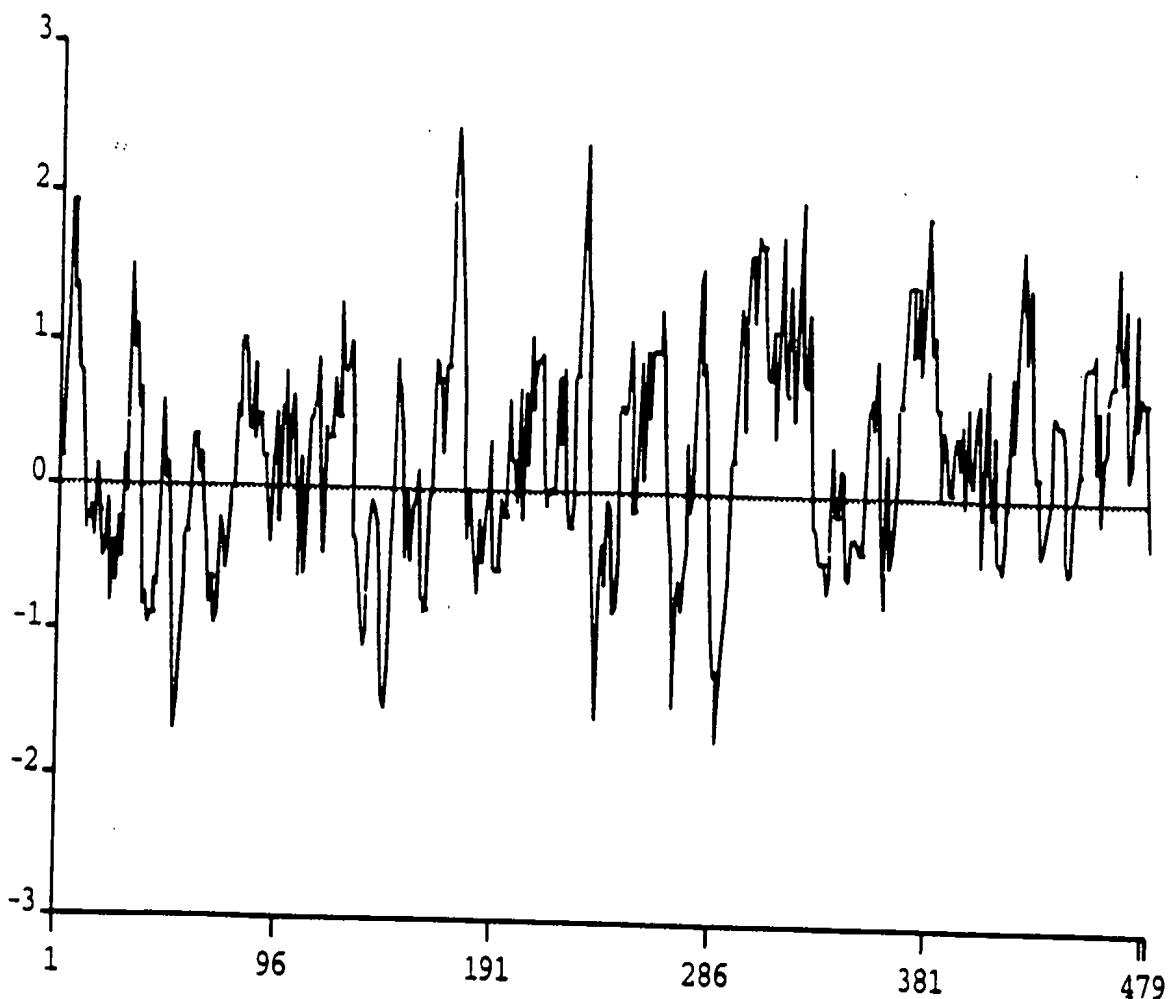


FIGURE 3A

